

SECTION 01140 - WORK RESTRICTIONS

SPECIFIER S NOTE: *Insert wording, numbers, etc. as appropriate where [italics in parenthesis] are shown throughout this specification section. Italicized words are used for directions to the specifier and should be filled in. Blue colored text are Notes to Specifier and should be completely deleted from the final text. Red colored text is used for items to be modified. Maintain footer notation in italics with the current version used (e.g. TG01140 v00.04).*

SPECIFIER NOTES: *Include in this section; restrictions that affect construction operations, access to site, location of construction, occupancy requirements, coordination with occupants, and use of building premises and site.*

PART 1 - GENERAL

1.01 SUMMARY

- A. Section includes work restriction on contractor s operations, and construction [as required by the University of Hawaii at Hilo (UH Hilo) to maintain the University s operation] during the construction period.

SPECIFIER S NOTE: *For University Projects confirm the required dates and duration when the contractor must shut down. Modify paragraphs 1.02.A & 1.02.B.*

1.02 WORK SCHEDULE

- A. No work shall be done during the final exam weeks as shown below, except as authorized by the Engineer. The contract time is inclusive of these no work days. Contractor shall verify the exact dates with the University of Hawaii at Hilo prior to finalizing Contractor s work schedule.
- B. [December 4-15, 2000] [(12 calendar days)]
[May 4-15, 2001] [(12 calendar days)]
[December 4-15, 2001] [(12 calendar days)]
[May 4-15, 2002] [(12 calendar days)]

SPECIFIER S NOTE: *For University of Hawaii at Hilo Projects. Insert paragraph 1.03 and subparagraphs. Confirm the University s requirements.*

1.03 UNIVERSITY S OPERATIONS AND REQUIREMENTS

- A. Use of Premises
 - 1. Operate machinery and equipment with discretion and with minimum interference to campus driveways, walkways and malls. Do not leave machinery and equipment unattended on roads and driveways.
 - 2. Store materials in the areas shown on the Drawings or as designated by the Engineer. Locate construction equipment, machinery , equipment and supplies within the contract zone limits.
 - 3. Keep access roads and campus roads, to the project site free of dirt and debris. Provide, erect and maintain lights, barriers, signs, etc. when working on campus roads, driveways and walkways to protect pedestrians and moped / bicycle riders. Obey campus traffic and safety regulations.
- B. Noise and Dust Control

1. In adjacent locations surrounding the project site, noise, dust and other disrupting activities, resulting from construction operations, are detrimental to the conduct of the University's instruction activities. Therefore, Contractor shall monitor its construction activities. Exercise precaution when using equipment and machinery to keep the noise and dust levels to a minimum.
2. To reduce loud disruptive noise levels, ensure mufflers and other devices are provided on equipment, internal combustion engines and compressors.
3. Schedule construction activities that create excessive noise and dust problems, such as concrete drilling and demolition, for the weekends, holidays or semester breaks. Overtime costs are the Contractor's responsibility.
4. The Engineer may require any construction activity that produces excessiveness of noise and dust to be performed during non school hours. The Engineer shall make the final determination. Overtime costs are the Contractor's responsibility.

C. Campus Parking

1. Parking for the Contractor's employees (or subcontractors) will be limited to the available areas within the designated project contract zone or in areas designated by the Engineer. Do not use parking stalls in regularly designated parking zones within the University campus. Unauthorized vehicles parked in marked stalls and in any area outside of the designated project construction site will be fined and Contractor shall be responsible for the payment of all parking citations fines occurred.
2. Parking passes will be required for all Contractor's (or subcontractor's) vehicles entering the campus.
 - a. Temporary parking passes will be issued for the inspection of the project site prior to bidding, the preconstruction meeting and other temporary entry to the University. Contact the University in advance to arrange temporary parking passes.
 - b. To obtain construction parking passes, send your written request to the University. List the number of parking passes required for your use and your subcontractor(s). The University shall reserve the right to limit the number of parking passes to be issued to the Contractor.
 - c. Direct requests for parking pass arrangements to the University of Hawaii at Hilo, Facilities Planning and Construction Office, Phone 947-7595. All parking passes will be issued free of charge.
3. Comply with campus rules and regulations governing parking and traffic circulation.
4. If permitted to park on lawn or grassed areas restore any damaged areas. The Engineer shall make the final determination if the restoration work is acceptable.

D. Disruption of Utility Services

WORK RESTRICTIONS

1. Pre-arrange and obtain approval of the Engineer for any anticipated disruptions to utility services, including disconnection and / or connection of the utility system. Unless stated elsewhere, notify the Engineer in writing at least fifteen (15) working days in advance of any proposed utility system work. Coordinate any connections and / or disconnection with the respective utility companies and the County of Hawaii.
 2. Schedule work to minimize utility outage time. Schedule utility work requiring a shut-down of four (4) hours or more or affecting several campus buildings, on weekends, holidays, semester breaks and / or non-regular school hours. Overtime costs are the Contractor's responsibility.
 3. Provide temporary utility service, if necessary for the University's operation at no additional cost to the State. The Engineer shall make the final determination.
 4. The existence of active and abandoned underground utility lines within the construction area is not definitely known other than those indicated in their approximate location on the Drawings. Perform toning operations prior to excavation or trenching. Notify the Engineer if any unknown utility line is discovered. Comply with the requirements of Section 01019 GENERAL PROJECT REQUIREMENTS.
 5. The contractor shall tone traverse of new utility lines to locate existing utilities prior to trenching.
 6. Shore and protect uncovered underground piping or conduit. If utilities are damaged, Notify the Engineer and commence repairs within two (2) hours after the damage.
 7. Record on the As-Built drawings existing utilities. For exposed existing utilities, new utilities, replacement and rerouting of utilities, record the size of pipe or conduit and its depth on the as-built drawings.
- E. Burning and Disposal of Trash
1. Burning debris on the University Campus is expressly prohibited.
 2. Do not use the University's trash receptacles for disposal of construction materials and waste. Provide separate trash receptacle(s). Remove and dispose of all construction material.
- F. Barricades, Signs and Lighting
1. Erect temporary barricades and post directional signs at construction limits. Provide separate building entrances, walkways for pedestrians, driveways for vehicles, and other barricades and construction aids to prevent unauthorized individuals from entering the construction area. To insure the protection and safety of the public, adjust or extend the barricades and directional signs if directed by the Engineer. Refer to Section 01019 GENERAL PROJECT REQUIREMENTS.
 2. Locate exterior barricades to maintain existing (and required) fire exits or lanes from adjoining buildings.

3. If construction activities or operations reduce the current illumination in the areas adjacent to construction, provide temporary lighting to achieve existing illumination levels or required for safety and security. Maintain temporary lighting during construction. The Engineer shall make the final determination.
4. On the temporary barricades, provide informational signs every 100 feet and at pedestrian/vehicular traffic junctions. Signs shall be 12 inches square, with minimum one inch high lettering, high contrast, and read:
Any Questions? Call UH Facilities and Planning and Construction Office, Phone 974-7595 . Include Contractor s name and office telephone number along the bottom edge of the sign.

SPECIFIER S NOTE: Although this information is covered in the INTERIM GENERAL CONDITIONS, for University of Hawaii at Hilo Projects. Insert paragraph 1.04 and subparagraphs. Confirm the University s requirements.

1.04 HISTORIC CULTURAL AND ARCHAEOLOGICAL FINDS

- A. During construction activities, there is the remote possibility of encountering unknown or unexpected historical, cultural or archaeological features, deposits, or burials. Should such a discovery be made or encountered, immediately suspend work in the area leaving the site undisturbed. Notify the Engineer immediately to determine the appropriate action or disposition. Refer to INTERIM GENERAL CONDITIONS Section 7.18.
- B. All materials having any apparent historical, cultural or archaeological significance recovered during the course of the project construction activities shall remain preserved and the property of the State.

SPECIFIER S NOTE: For University of Hawaii at Hilo Projects. Insert paragraph 1.05 and subparagraphs. Confirm the University s requirements.

1.05 PROTECTION AND MAINTENANCE OF LAND RESOURCES

- A. Preserve and maintain existing land resources (lawns, grassed areas and planting areas) within the designated project contract zone.
- B. Except in areas marked on the drawings to be cleared and grubbed, do not deface, injure or destroy trees/ shrubs nor remove or cut them without obtaining prior approval from the Engineer. Exercise care while working adjacent to trees or shrubs and protect them from injury or damage. Repair or replace tree(s), shrub(s) or other landscape feature(s) scarred or damaged as the result of construction operations. The Engineer shall make the final determination to repair or replace damages items.
- C. For areas exposed and adjacent to the public access, maintain the landscaping, and grassed areas within the project contract zone. Provide periodic watering, weeding and mowing during the construction period. Restore damaged areas.

SPECIFIER S NOTE: For University of Hawaii at Hilo Projects. Insert paragraph 1.06 and subparagraphs. Confirm the University s requirements.

1.06 PAVEMENT MARKING

- A. Should the construction operations diminish the existing pavement marking of surrounding campus roads, parking and walkways, repair any damages and provide new pavement markings. The Engineer shall make the final determination to repair or replace damages items.

SPECIFIER S NOTE: For University of Hawaii at Hilo Projects. Insert paragraph 1.07 and subparagraphs. Confirm the University s requirements.

1.07 PROJECT REFUSE

- A. Provide a solid waste management plan that conforms to the rules and regulations of the County of Hawaii, Solid Waste Division.

SPECIFIER S NOTE: For University of Hawaii at Hilo Projects. Insert paragraph 1.08 and subparagraphs. Confirm the University s requirements.

1.08 EXPLOSIVE BLASTING

- A. No explosive blasting will be allowed.

SPECIFIER S NOTE: Add this paragraph for facilities where shut-down of the air conditioning system beyond 4 hours cannot be tolerated.

1.09 DISRUPTION OF AIR CONDITIONING SERVICES

- A. Coordinate and arrange work related to the temporary disconnection of the air conditioning system with the Engineer. Keep disruptions to a minimum. If temporary power is required, provide services and pay the cost as part of the contract. Schedule any major outage to the air conditioning system that affects the entire building and lasts 4 hours or more, on weekends or during non-regular working hours of the building occupants. Pay for overtime cost as part of the contract.

SPECIFIER S NOTE: Add this paragraph for work performed in occupied office buildings during non-regular working hours.

1.10 SECURITY

A. BUILDING SECURITY

When work is performed outside the normal operating hours of the Department (or Users operations), only a single entry to the building will be permitted and a State Security Guard shall be stationed at this entrance throughout the period that it is open. Contact and arrange with the Department of Public Safety, Protective Services Division (telephone 586-1352) to provide the security personnel. Make arrangements at least 24 hours before security personnel is required. State Security Guards s changes are \$20.00 per hour or fraction thereof, for a minimum of four (4) hours. Pay for State Security Guard s cost as part of the contract.

SPECIFIER S NOTE: Add this paragraph A and subparagraphs for work performed at Correctional Facilities and other secure facilities. Check with the Project Coordinator for specific project requirements.

A. SECURITY PROVISIONS - AT CORRECTIONAL FACILITY

- 1. Rules and Regulations: Consult with Facility authorities at the pre-construction conference and become familiar with the rules and regulations of the Correctional Facility.

2. Contractor s Operations: Confine all construction operations to the immediate vicinity of the construction activity. Store building materials, equipment, tools and incidentals in an enclosed area away from the existing correctional facility s perimeter walls. Only materials and/or equipment that are needed at that time shall be taken into the security site. Take precautions and prevent access to power equipment, tools, etc., by the clients (residents). Perform operations to insure the safety of the occupants of the buildings.
3. Perform operations to minimize inconvenience or disturbance upon the personnel and residents.
4. Security Measures: In order to maintain security and to prevent the residents from escaping during construction operations, the following precautionary measures must be strictly enforced.
 - a. Exterior doors must be locked at all times.
 - b. All exterior openings which have been opened for construction shall be securely closed for the night, unless otherwise directed by the Facility Administrator.
 - c. The Contractor shall be restricted to the areas of construction and shall at no time enter other areas unless granted permission by the guards.
 - d. All movements of the Contractor s employees into the Facility will be subject to control by the Facility personnel at any time the Correctional Facility Administrator deems such control necessary to insure the safety of the Facility.
 - e. The Contractor, his agents, or employees shall be subject to personal search whenever the Correctional Facility Administrator deems such action necessary for the safety of the Facility. This shall also include the inspection of lunch boxes toolboxes, clothing and equipment.
 - f. Scaffolding, ladders, etc., must be removed from the building at the end of each day s work or when requested by the Facility Administrator.
 - g. Introduction or possession of weapons, narcotics, alcoholic beverages or contraband to the project site is prohibited.
 - h. Control of tools: All hand tools, including power driven hand tools, cables, ropes and other implements shall be transported and retained, except when in use, in approved locked toolboxes. At all times tools will be subject to inventory by the Facility Security Staff. During the progress of the work, care shall be taken that no tool is left unguarded or left where it might be reached by a resident or other unauthorized person. It is an urgent matter that missing tools, equipment, etc., be reported immediately to those in authority. Lock vehicles and equipment unless attended.
 - i. Materials and equipment shall be brought into the work area through entrance as approved by those in authority and shall be carried to and stored in limited area as approved.
 - j. Explosives, explosive devices and any equipment associated with a system that could be used as an explosive will not be allowed.
5. Protection of Residents: Special protection must be made by the Contractor at all times to safely protect the residents and facility

personnel from any and all injuries that may be caused as a result of the work performed under this contract.

6. Caution: The Contractor shall caution his men on the job that any association with the residents be avoided as much as possible, that when spoken to by residents, normal courtesy shall be maintained at all times.
7. Security Check: After the award of contract and before commencement of any work on the project, the following list containing information on all employees and motor vehicles used on the project shall be submitted to the Engineer for a security check:
 - a. Employees: Name, date of birth and Social Security Number. Note: Any employee who has a previous record of any felonious conduct or any conviction for such offenses other than minor traffic offenses will not be permitted to work on this project.
 - b. Motor Vehicles: Make, year, color, license number, insurance company, policy number and expiration date. This information is required to secure passes for permission to operate such vehicles on the Correctional Facility grounds.
 - c. The list of workmen and motor vehicles shall be kept current at all times. New workmen or vehicles cannot enter the job site until receipt of clearance is obtained from the Engineer. Workmen or vehicles found on site without proper identification shall be removed immediately.
8. Contractor s Work Time Schedule in existing facilities only: Comply with the daily schedule in subparagraphs a & b below. Only the Correctional Facility Administrator can approve deviations from the daily and weekly work schedules.
 - a. 7:00 a.m. - Work day commences. Contractor's employees enter via the Administration Building and to the job site, for work inside the existing correctional facilities.
 - b. 3:00 p.m. - End of work day in existing correctional facilities.
9. None of the foregoing regulations shall be construed as a restriction on the legal prosecution of the work.

***End Security Provisions at Correctional
Facilities Paragraphs***

END OF SECTION